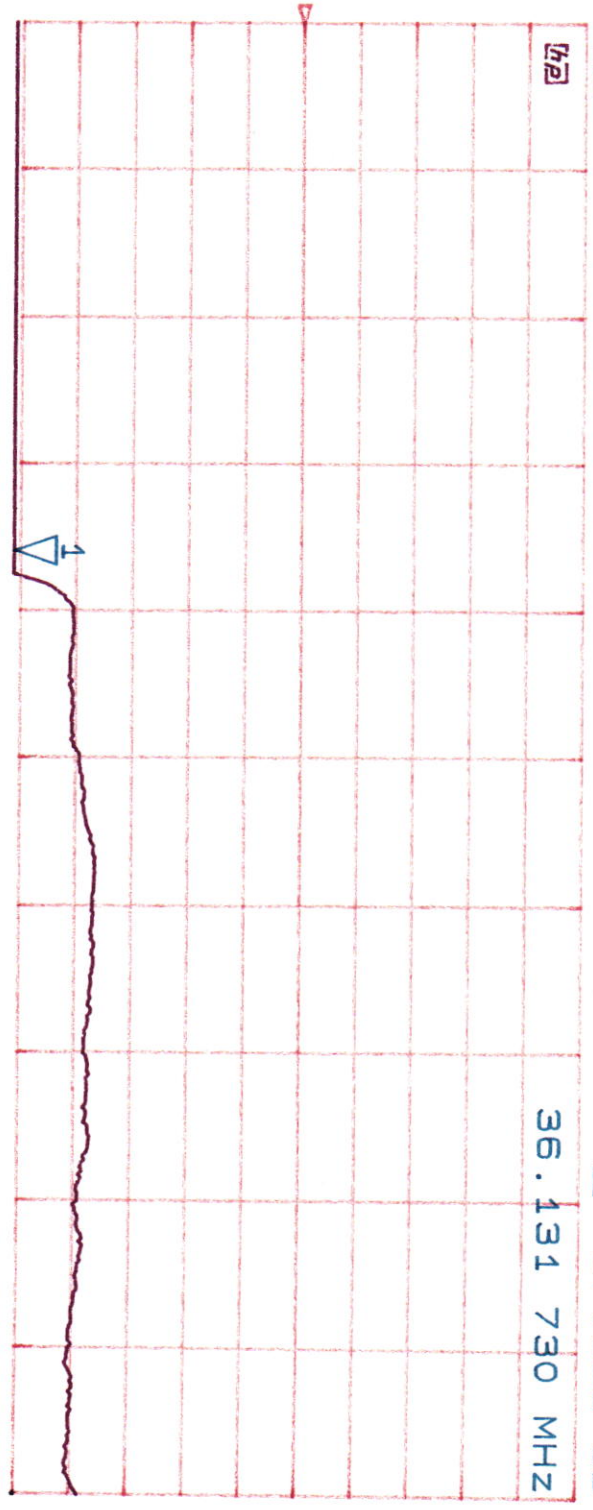
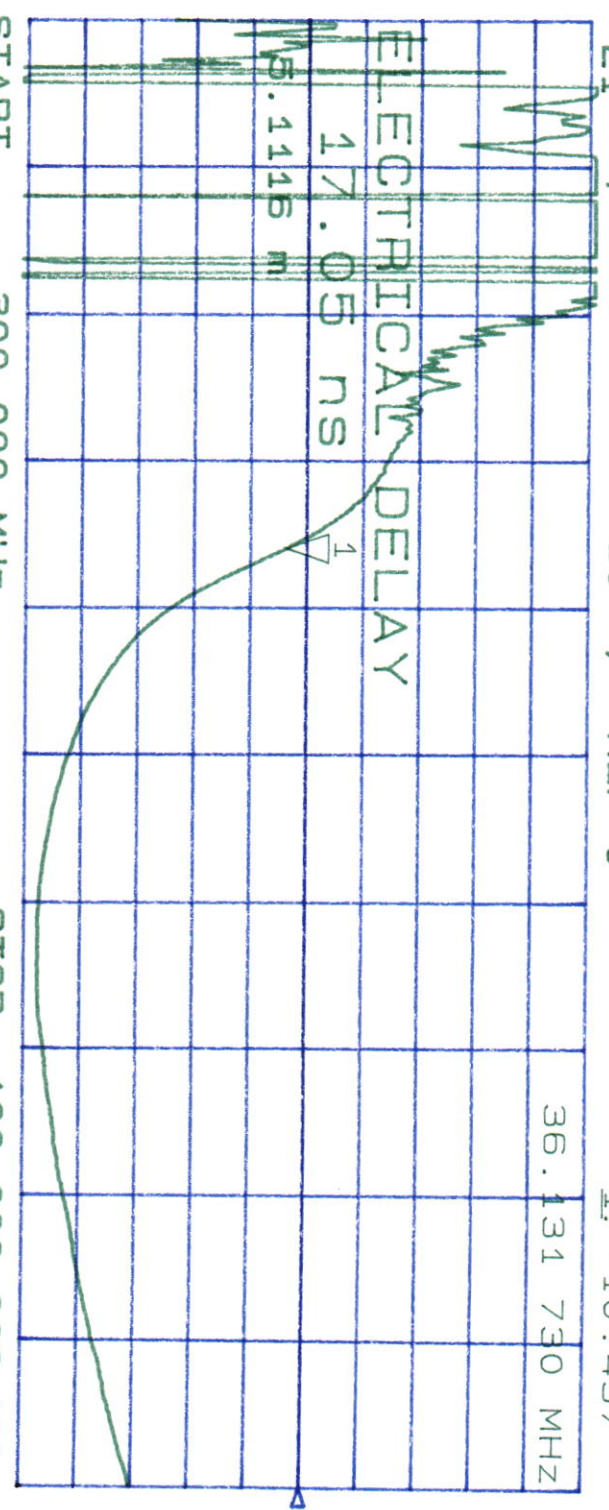


CH1 S21 10g MAG 1 dB/ REF -20 dB 1 -27.522 dB
 COR
 36.131 730 MHz



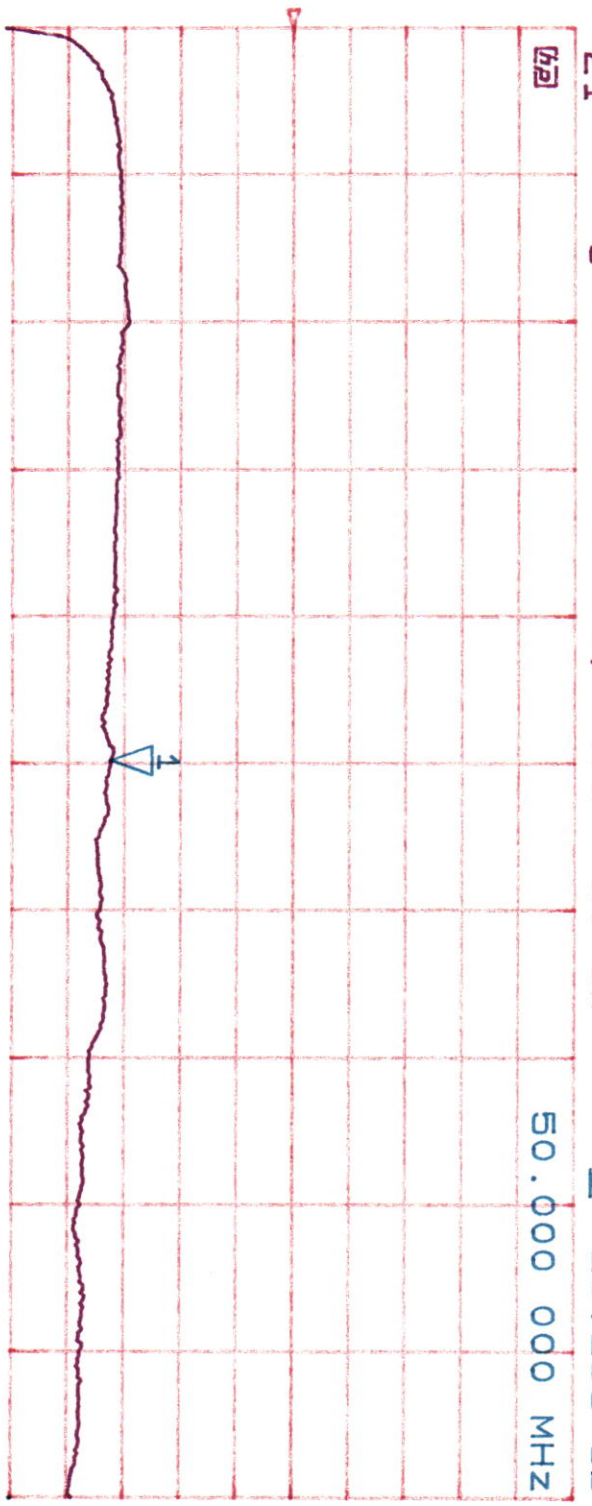
Vert 2u

CH2 S21 phase 30 ° / REF 0 ° 1: -10.497 °
 COR
 Del 1
 ELECTRICAL DELAY
 17.05 ns
 5.1115 m
 START .300 000 MHz STOP 100.000 000 MHz



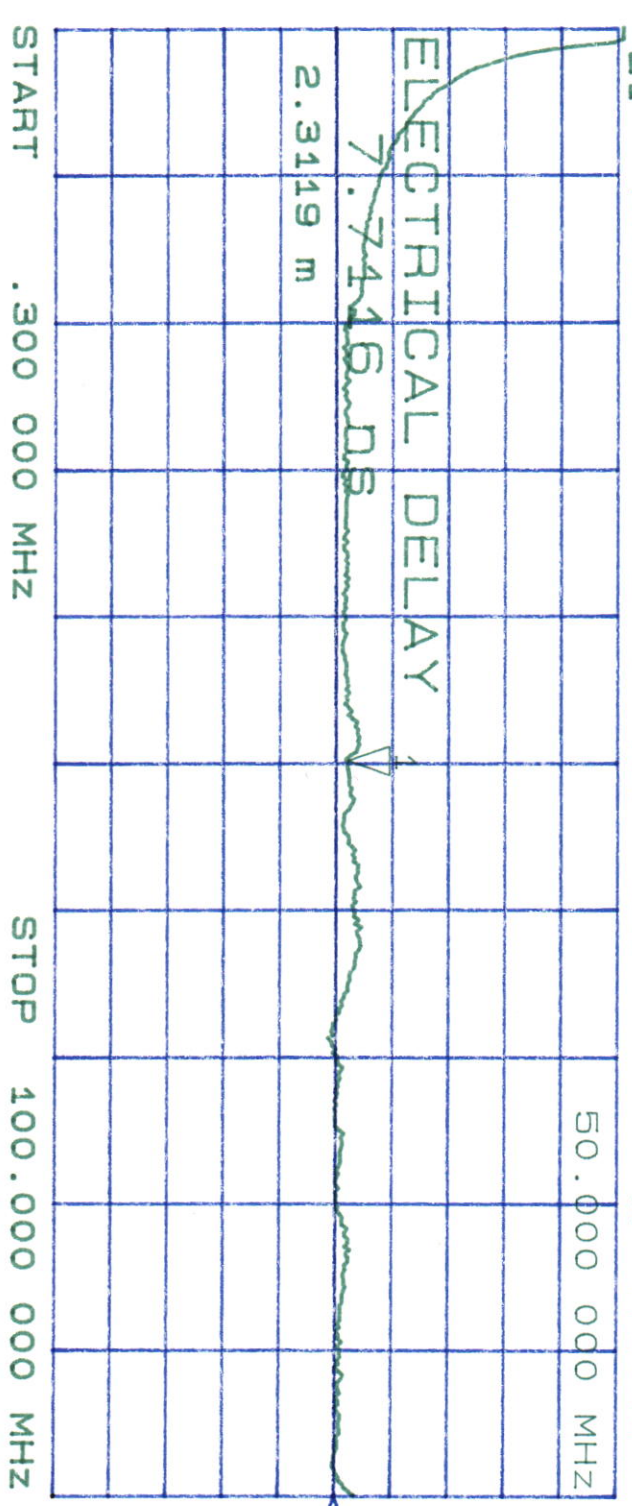
CH1 S21 10g MAG 1 dB/ REF -20 dB 1 -23.235 dB 50.000 000 MHZ

COR



CH2 S21 phase 5 ° / REF -180 ° 1: -178.96 ° 50.000 000 MHZ

COR Del 1



13.05.54

Pre-ant

Test 2m 0dBm

(20cm 2m 0dBm with cell)

0

0

SP. 1000.000
1000.000

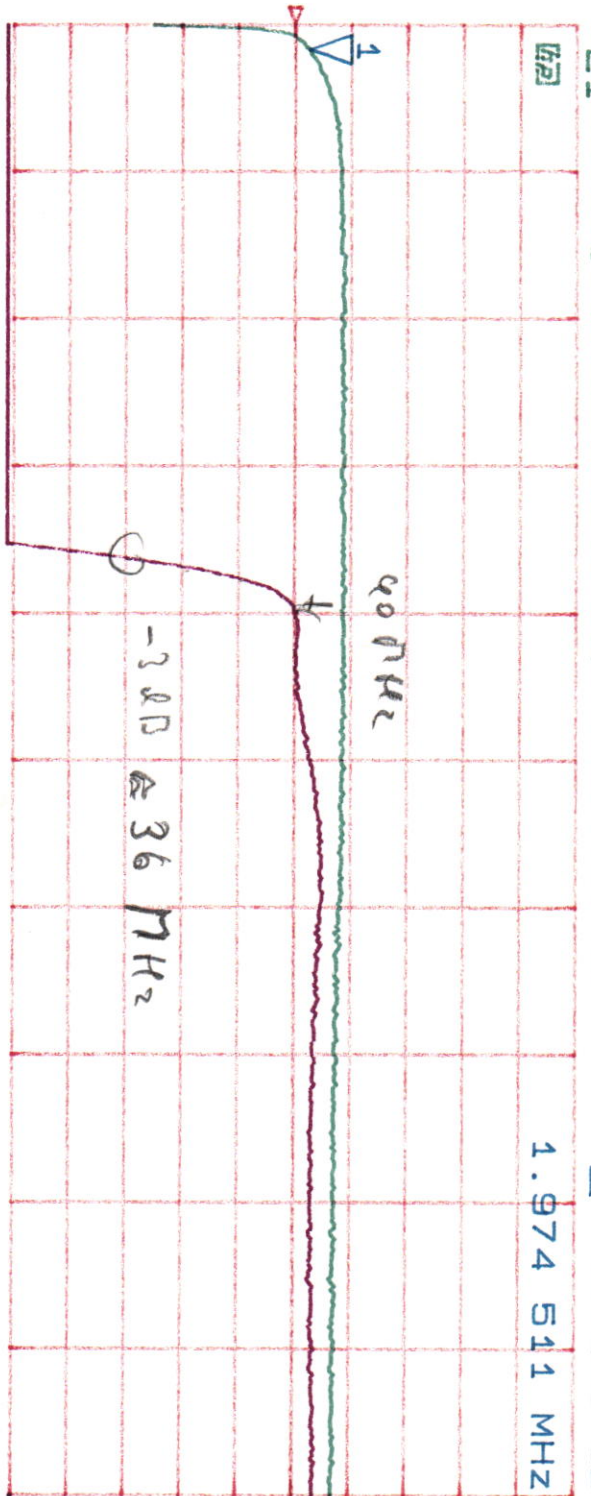
1000.000
1000.000

1000.000
1000.000



CH1 S21 10g MAG 1 dB/ REF 45 dB 1: 45.266 dB

1.974 511 MHz

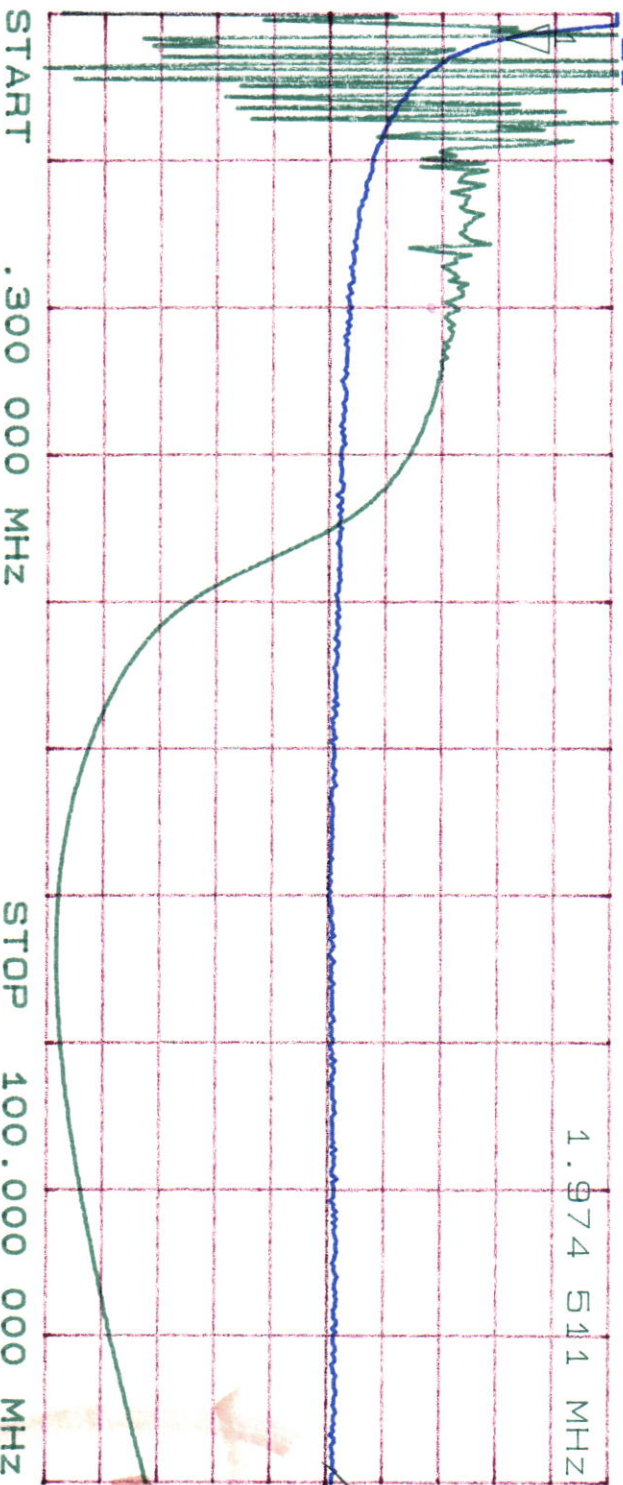


COR

↑

CH2 S21 phase 5 ° / REF -180 ° 1 -164.24 °

1.974 511 MHz



COR Del

↑

START .300 000 MHz STOP 100.000 000 MHz

12.04.94

PRE AMP

Sign. In -42dBm

(Power Z Antenn)
w/alt Cal.

5.4 ~ 5 delay
best cond.

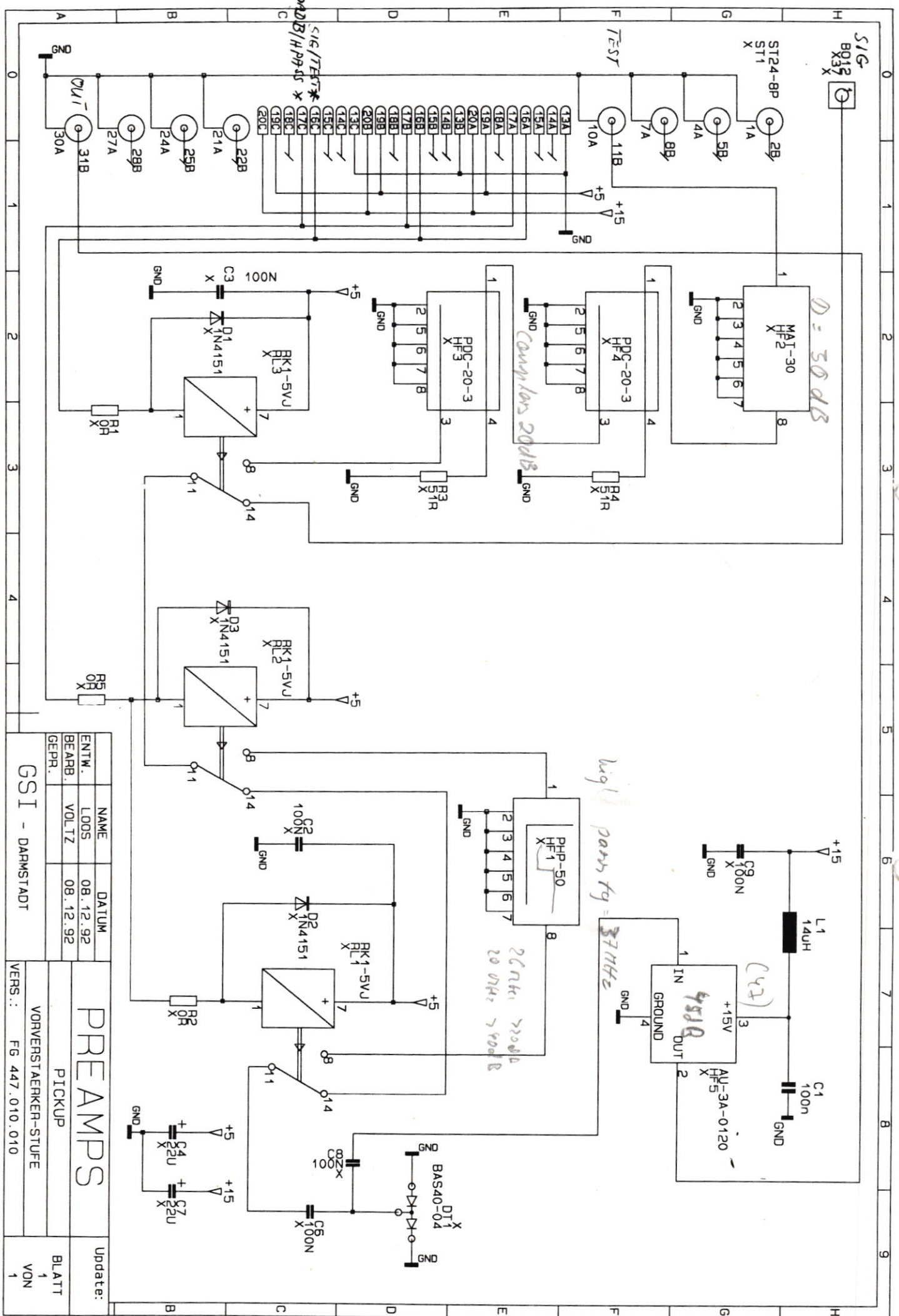
Next pass

147ms

R.f 0°

Scale 30°

↑



NAME	DATUM
ENTW. LOOS	08.12.92
BEARB. VOLTZ	08.12.92
GEPR.	

PREAMPS

PICKUP

GSI - DARMSTADT

VORVERSTAEKER-STUFE

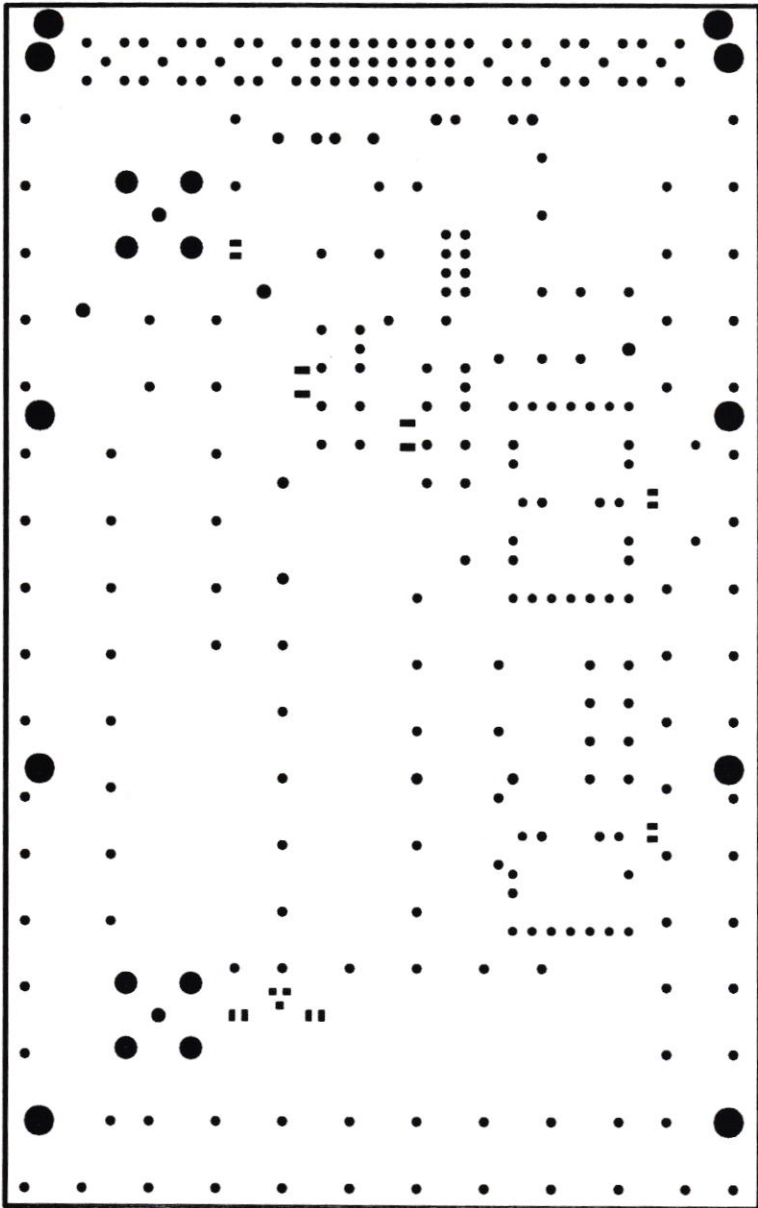
VERS.: FG 447.010.010

Update:

BLATT

VON 1





GSI PREAMPLSM2
10-DEC-1992 GSI-SV

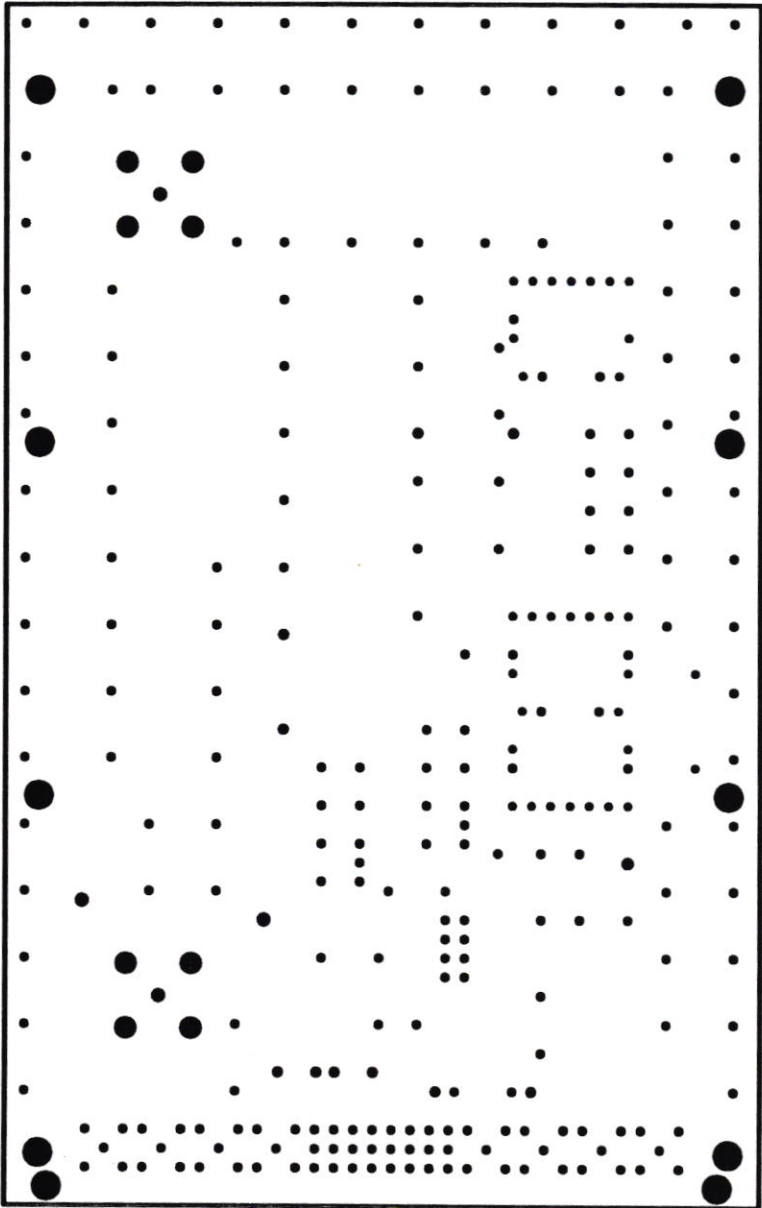
PREAMP

FG 447.010

GSI PREAMPLSM1
10-DEC-1992 GSI-SV

PREAMP

FG 447.010



GSI PREAMPLPM2
10-DEC-1992 GSI-SV

PREAMP

FG 447.010

..

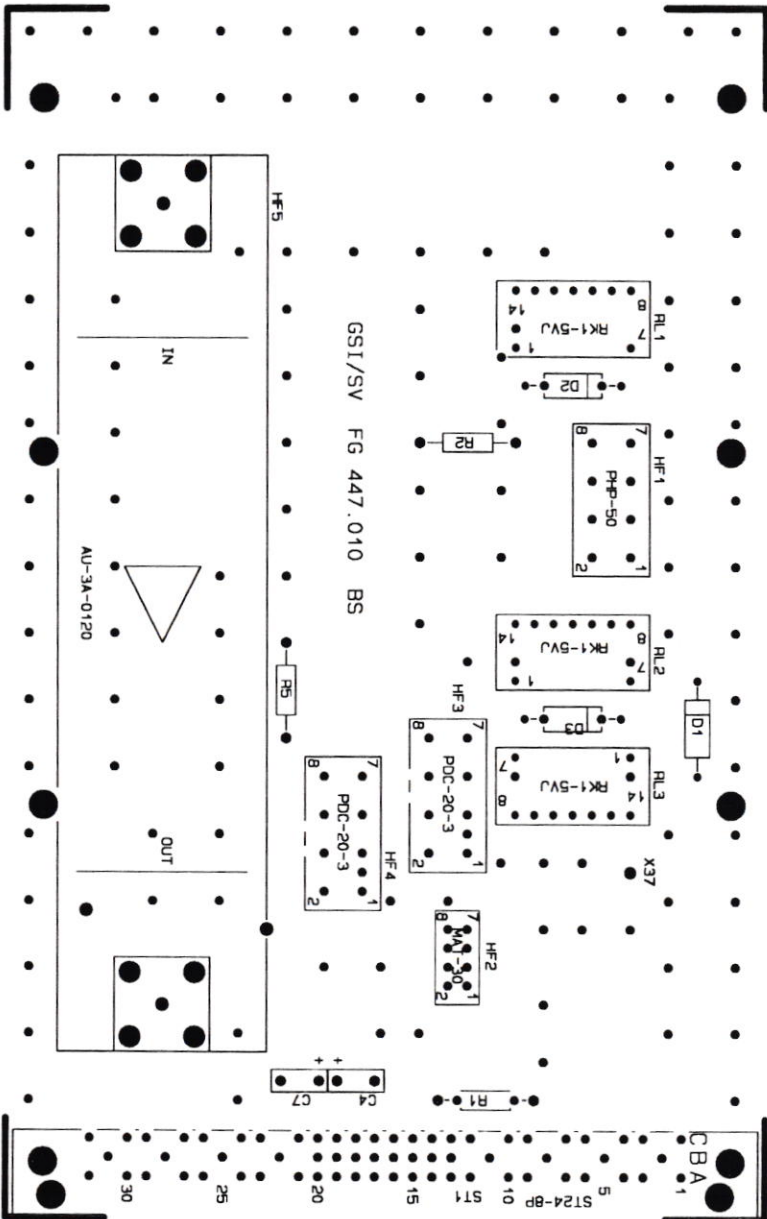
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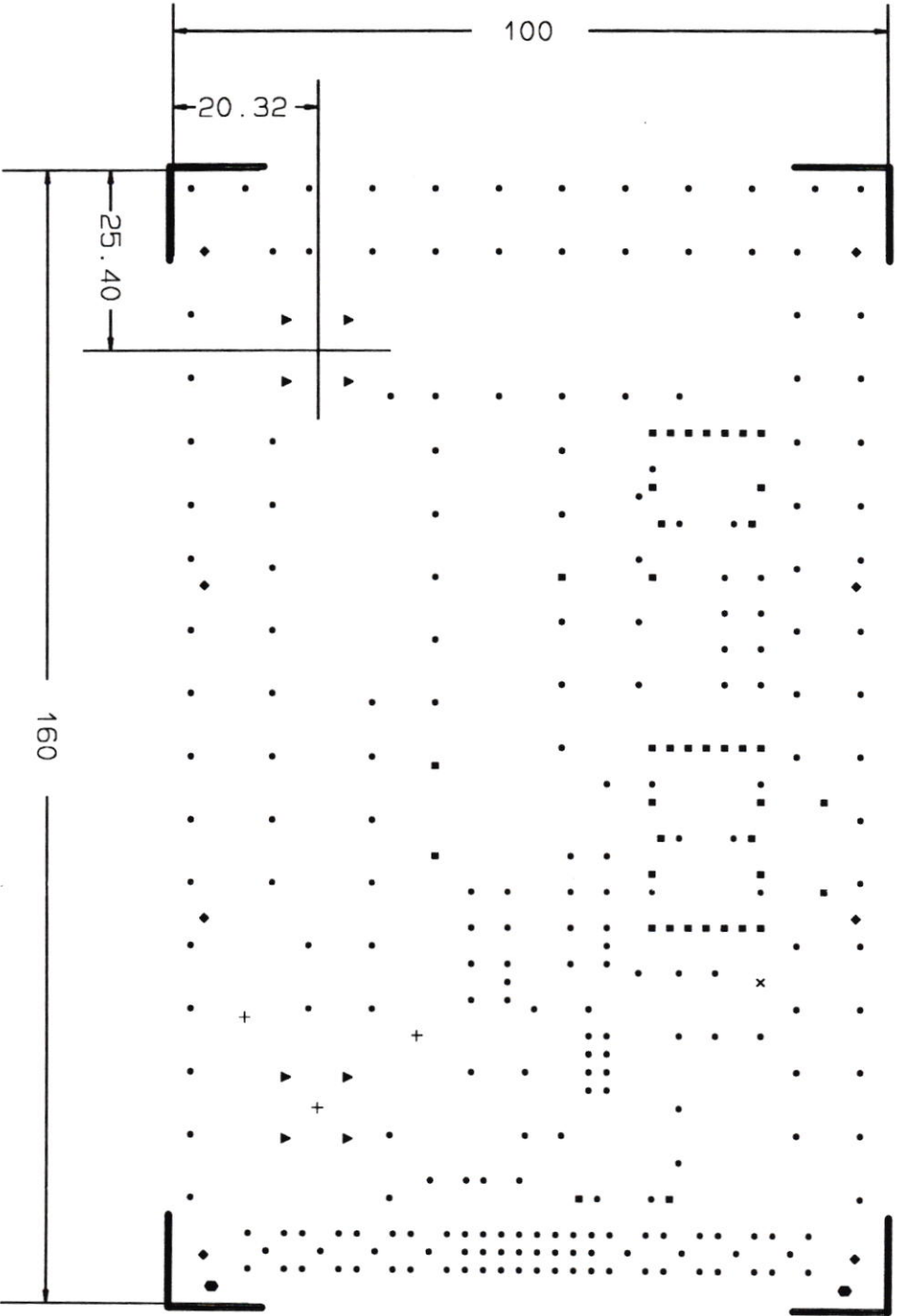
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GSI PREAMPKON1
 10-DEC-1992 GSI-SV

PREAMP

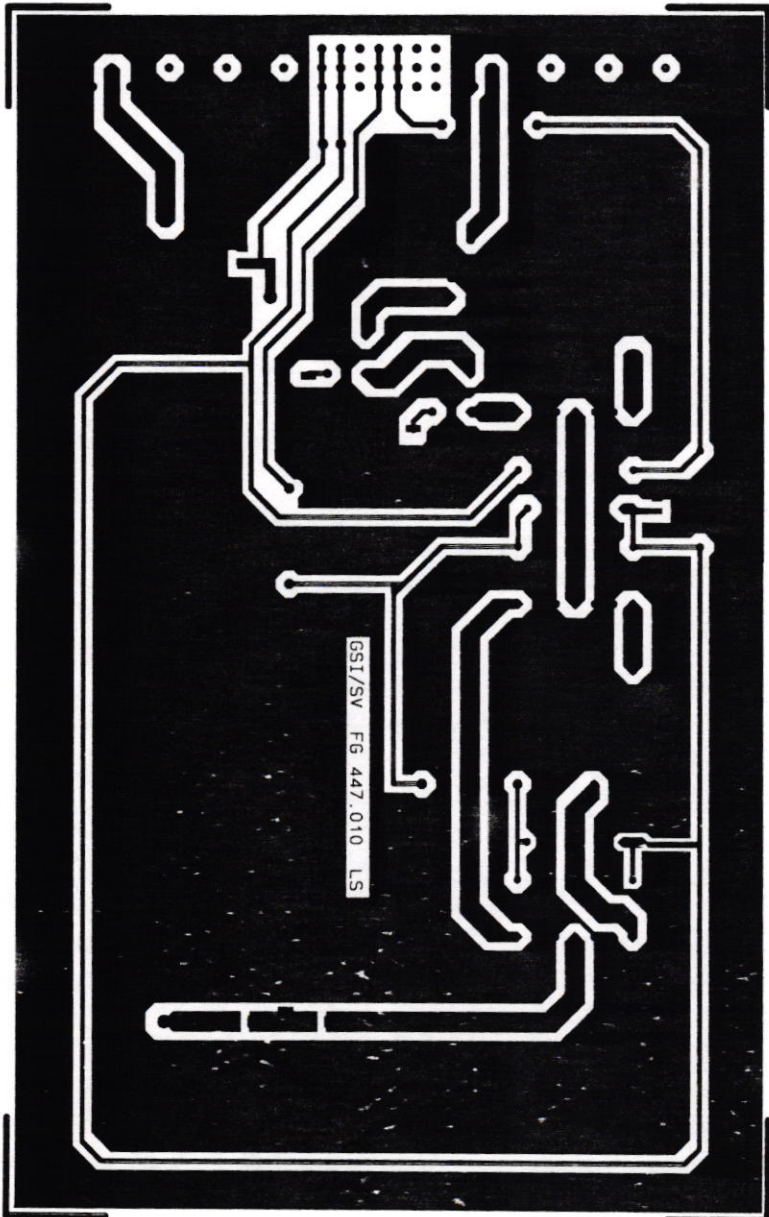
FG 447.010



●	3.000	P /	2
◆	2.600	P /	8
▲	2.000	P /	8
+	1.400	P /	4
x	1.200	P /	1
•	0.900	P /	230
◼	0.800	P /	39
⊕	0.025	P /	2



GSI PREAMPBLS
 10-DEC-1992 GSI-SV
 PREAMP
 FG 447.010
 Bohrkontrollfilm mit Masszeichnung fuer die Platine PREAMP



GSI PREAMP2
10-DEC-1992 GSI-SV

PREAMP

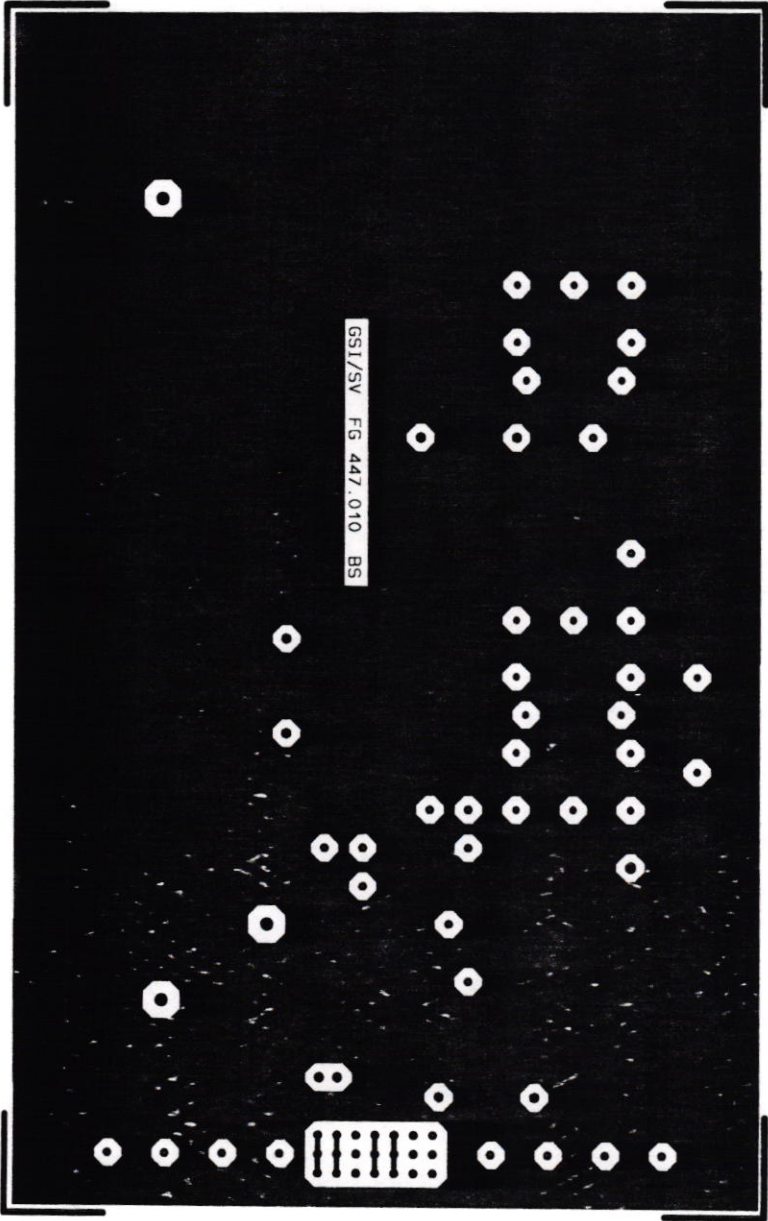
FG 447.010

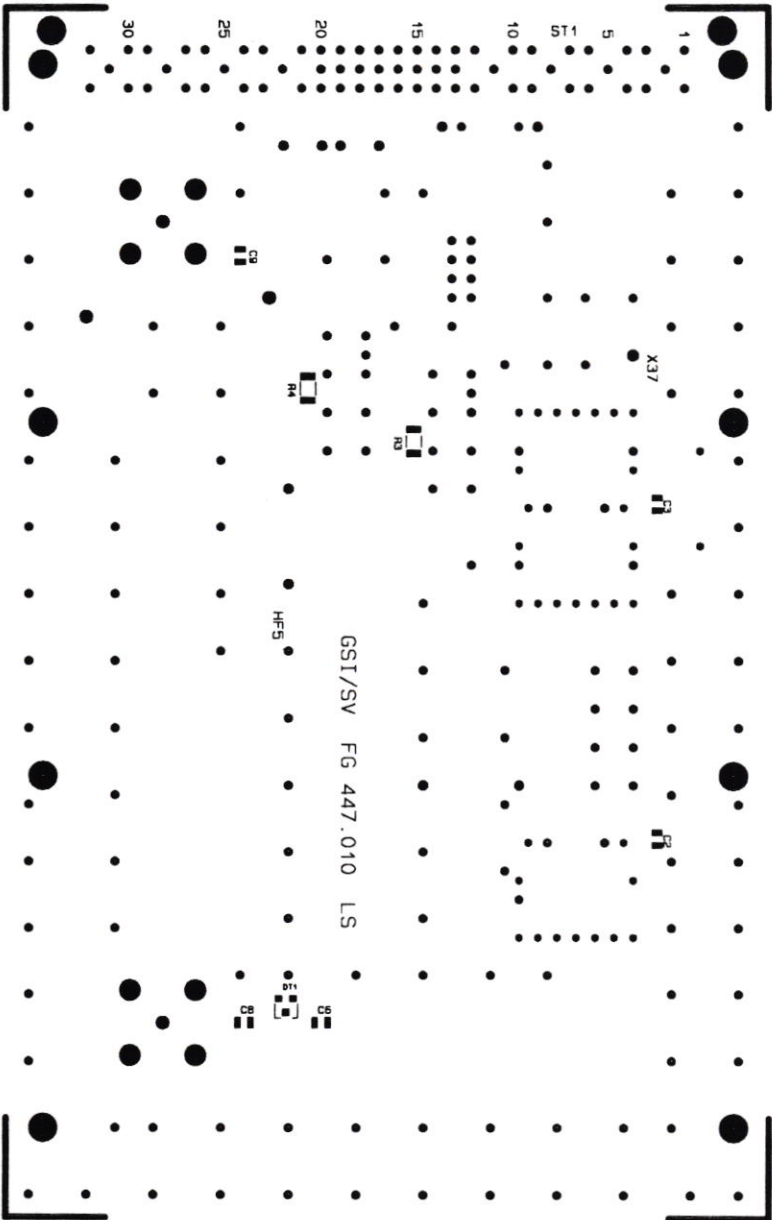
GSI/SV FG 447.010 LS

GSI PREAMP 1
10-DEC-1992 GSI-SV

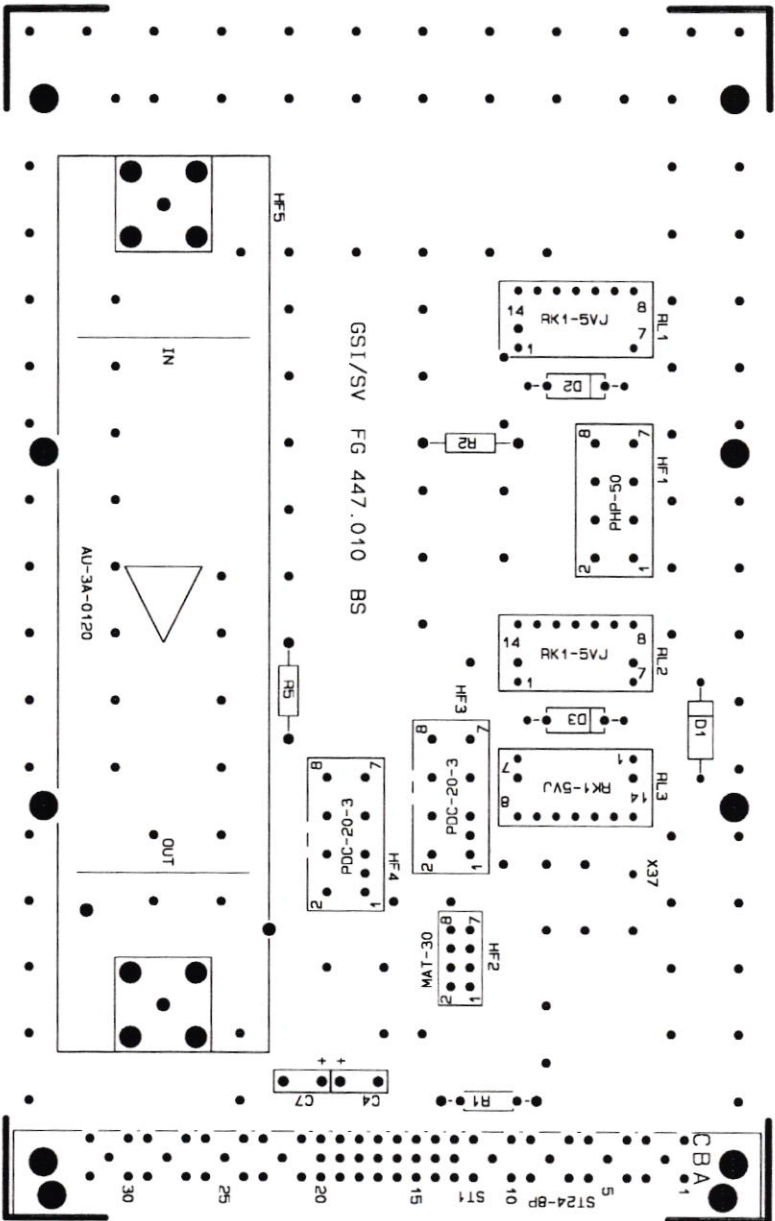
PREAMP

FG 447.010





GSI PREAMPKON2 PREAMP FG 447.010
 10-FEB-1993 GSI-SV



GSI/SV FG 447.010 BS

IN

AU-3A-0120

OUT

GSI PREAMPKON 1 PREAMP FG 447.010
 10-FEB-1993 GSI-SV

CBA
 1

5
 ST24-BP
 10
 ST1
 15
 20
 25
 30

ELEKTROSTÜCKLISTE

*RM: 1 EINHEIT = 2.54MM

ST.	BAUTEIL-BEZEICHNUNG	WERT/TYP	RM	HERSTELLER	LG-NR.	BEMERKUNGEN
6	ZYLINDERKOPFSCHRAUBEN	M2X4				BEP. LEITERPLATTE AN GEHAUSE, CADMIERT
2	ZYLINDERKOPFSCHRAUBEN	M2X10				BEP. VG-LEISTE AN GEHAUSE, CADMIERT
8	ZYLINDERKOPFSCHRAUBEN	M2X8				BEP. WINKELSTECKER AUF PLATINE, MESSING
8	MÜTTERN	M2				BEP. WINKELSTECKER AUF PLATINE, MESSING
16	ZAHNSCHEIBEN	M2				BEP. WINKELSTECKER AUF PLATINE
2	DISTANZPLÄTTCHEN			SÜHNER		MODIFIZIERT für Winkelbuch SC

GSI DARMSSTADT
 BEZ.: _____
 PREAMP

GSI-SV

NUMBER: _____
 FG 447.010

BEARB.: _____
 DATUM: 12. Mar. 1992

BLATT 2 VON 2

E L E K T R . S T U E C K L I S T E

*RM: 1 EINHEIT = 2.54MM

ST.	BAUTEIL-BEZEICHNUNG	WERT/TYP	RM	HERSTELLER	LG-NR.	BEMERKUNGEN
1	C1	100N	1	UNION CARB	11 096	UNION CARBIDE C320C104K1R5CA STEHEND VIELSCH.-KON
5	C2, C3, C6, C8, C9	100N				CHIP-KONDENSATOR 0805
2	C4, C7	22U	2	STC	11 326	TANTAL-TROPFEN-KONDENSATOR 35V, RM=5.08
3	D1, D2, D3	1N4151	5		13 001	DIODE 1N4151, RM=5
1	L1	14uH	6		12 101	HF-DROSSEL 14uH
1	DT1	BAS40-04		SIEMENS		SILICIUM-SCHOTTKY-DIODE
2	WINKELBUCHSE			SUHNER		WINKEL-CHASSI-STECKER 500HM, NR.: 18SMA 50-0-1/111
1	HF5	AO-3A-0120		MITEQ		HF-VERSTAERKER, BESTELLT BEI FA. PARZICH
1	HF2	MAT-30		IE		DAEMPUNGSGLIED
2	HF3, HF4	PDC-20-3		IE		RICHTKOEPPLER
1	HF1	PHP-50		IE		FILTER
3	R1, R2, R5	OR				WIDERSTAND OR
2	R3, R4	51R				CHIP-WIDERSTAND/KOEHLE 1/10W 5%
3	RL1, RL2, RL3	RL1-5VJ		SDS		GEPOLSTERTES HF-RELAIS 5V/40MA
2	WINKELKUPPLER			ROSENBERGER		KOAXIALKONTAKT, NR.: 45K 201-400 H3
1	ST1	ST24-8P		ERNI		MESSERLEISTE STV-M 24/8-M-abc, NR.: 593 817
1	VERODIN			VERO	16 083	
1	LEITERPLATTE	FG 447.010				
1	FRAESKASSETTE	3HE/10TE		MTS		BEST.-NR.: FK1-10-3-GN-1
1	FRONTPLATTE	3HE/10TE		SCHROFF		EMV
1	KABELSTECKER	11NN-50-3-13		SUHNER		BEST.-NR.: AD542083
1	SEMI-RIGID-KABEL	50 OHM		ELSPEC		TYP: CR151

GSI DARMSSTADT BEZ.: PREAMP
 GSI-DARMSSTADT PREAMP
 GSI-SV 12. Mar. 1993 DATUM
 GSI-SV 1 VON 2 BLATT

14.04.84

PRE A-palt \leftrightarrow PRE A-p & ucc
How pass \leftrightarrow Bred Road